

REMARKS

The above amendments and these remarks are responsive to the Office Action issued on December 13, 2005. By this response, claim 1 is amended. No new matter is added. Claims 1 - 8 are now active for examination.

The Office Action

The Office Action dated December 13, 2005 rejected claim 1 under 35 U.S.C. §102(e) as being anticipated by El-Malki et al. (U.S. Patent No. 6,947,401). The Examiner objected to claims 2-8 for depending on a rejected base claim.

Applicants submit that the rejection is overcome and the objection is addressed in view of the claim amendment and/or remarks presented herein.

The Anticipation Rejection Is Overcome

Claim 1, as amended, describes a mobile communication system including a mobile terminal associated with a home network and a plurality of subnetworks to which the terminal might move. Each subnetwork includes a respective advertising router to advertise information of a pertinent subnetwork to the mobile terminal. The system includes a home agent device for managing location information of the mobile terminal and registering a routing address to be used temporarily in a subnetwork to which the mobile terminal moves. The home agent device, responsive to a movement of the mobile terminal, captures a packet addressed to a home address of the mobile terminal in the home network and transfers the captured packet to the subnetwork to which the mobile terminal moves in accordance with a corresponding routing address. Each advertising router advertises an interface ID and a prefix section of the routing address from a base

station as pertinent subnetwork information. If the mobile terminal receives a plurality of routing addresses having same prefix section and differing in interface ID from the plurality of base stations while moving from the home network to a different subnetwork, a registration unit of the mobile terminal combines the plurality of routing addresses into one recognizable routing header address in accordance with a predetermined rule, and registers the routing header address with the home agent device. Appropriate support for the amendment can be found in, for example, page 16, line 26 through page 20, line 12 of the written description. With the claimed structure, an exemplary mobile terminal can receive a packet via respective ones of the plurality of base stations corresponding to the interface IDs included in the combined routing header address, thereby allowing faster packet handover.

On the other hand, El-Malki describes methods for hierarchical management of wireless networks. According to El-Malki's proposal, information received by a mobile terminal from advertising routers has prefix information and a map option as an anchor point. However, El-Malki does not specifically describe or suggest that when a mobile terminal receives a plurality of routing addresses having (1) same prefix section and (2) differing in interface ID from the plurality of base stations, the mobile terminal would combine the plurality of routing addresses having the same prefix section and differing in interface ID into one recognizable routing header address, and register the routing header address with the home agent device, as described in claim 1.

Since El-Malki fails to disclose every limitation of claim 1, El-Malki cannot support a prima facie case of anticipation. The anticipation rejection is untenable and should be withdrawn. Favorable reconsideration of claim 1 is respectfully requested.

The Objection to Claims 2 - 8 Is Addressed

Claims 2 - 8, directly or indirectly, depend on claim 1 and were objected to for depending on a rejected base claim. The Examiner indicated that the claims would be allowable if they are written into independent form including every limitation of the base claim and any intervening claims.

As discussed earlier, claim 1 is patentable. It is submitted that claims 2 - 8 are in appropriate form.

Conclusion

For the reasons given above, Applicants believe that this application is in condition for allowance, and request that the Examiner give the application favorable reconsideration and permit it to issue as a patent. If the Examiner believes that the application can be put in even better condition for allowance, the Examiner is invited to contact Applicants' representatives listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to **Deposit Account 500417** and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Wei-Chen Nicholas Chen
Registration No. 56,665

600 13th Street, N.W.
Washington, DC 20005-3096
Phone: 202.756.8000 WC:al
Facsimile: 202.756.8087
Date: April 11, 2006

**Please recognize our Customer No. 20277
as our correspondence address.**